

SEQUENCE LISTING

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 Salfeld, Jochen G
 Fischkoff, Steven

<120> TREATMENT OF CORONARY DISORDERS
 USING TNF α INHIBITORS

<130> BPI-190

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<150> 60/397,275

<151> 2002-07-19

<150> 60/411,081

<151> 2002-09-16

<150> 60/417,490

<151> 2002-10-10

<150> 60/455,777

<151> 2003-03-18

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<170> FastSEQ for Windows Version 4.0

<210> 1

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<223> Mutated human antibody

<400> 1

Asp	Ile	Gln	Met	Thr	Gln	Ser	Pro	Ser	Ser	Leu	Ser	Ala	Ser	Val	Gly
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Asp	Arg	Val	Thr	Ile	Thr	Cys	Arg	Ala	Ser	Gln	Gly	Ile	Arg	Asn	Tyr
		20						25					30		
Leu	Ala	Trp	Tyr	Gln	Gln	Lys	Pro	Gly	Lys	Ala	Pro	Lys	Leu	Leu	Ile
		35					40					45			
Tyr	Ala	Ala	Ser	Thr	Leu	Gln	Ser	Gly	Val	Pro	Ser	Arg	Phe	Ser	Gly
		50				55				60					
Ser	Gly	Ser	Gly	Thr	Asp	Phe	Thr	Leu	Thr	Ile	Ser	Ser	Leu	Gln	Pro

BPI-190

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65          70          75          80
Glu Asp Val Ala Thr Tyr Tyr Cys Gln Arg Tyr Asn Arg Ala Pro Tyr
      85          90          95
Thr Phe Gly Gln Gly Thr Lys Val Glu Ile Lys
      100          105

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<210> 2
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<220>
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<400> 2
Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Arg
 1          5          10          15
Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Asp Asp Tyr
      20          25          30
Ala Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
      35          40          45
Ser Ala Ile Thr Trp Asn Ser Gly His Ile Asp Tyr Ala Asp Ser Val
      50          55          60
Glu Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr
65          70          75          80
Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
      85          90          95
Ala Lys Val Ser Tyr Leu Ser Thr Ala Ser Ser Leu Asp Tyr Trp Gly
      100          105          110
Gln Gly Thr Leu Val Thr Val Ser Ser
      115          120

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<220>
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<223> Xaa = Thr or Ala

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<223> Mutated human antibody

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<400> 3
Gln Arg Tyr Asn Arg Ala Pro Tyr Xaa
 1          5

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<210> 4
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<220>
<221> VARIANT
<222> 12
<223> Xaa = Tyr or Asn

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BPI-190

<223> Mutated human antibody

<400> 4

Val Ser Tyr Leu Ser Thr Ala Ser Ser Leu Asp Xaa
1 5 10

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<400> 5

Ala Ala Ser Thr Leu Gln Ser
1 5

<210> 6

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<400> 6

Ala Ile Thr Trp Asn Ser Gly His Ile Asp Tyr Ala Asp Ser Val Glu
1 5 10 15
Gly

<210> 7

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<400> 7

Arg Ala Ser Gln Gly Ile Arg Asn Tyr Leu Ala
1 5 10

<210> 8

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<400> 8

Asp Tyr Ala Met His
1 5

<210> 9
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<400> 9
 Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Ile Gly
 1 5 10 15
 Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Gly Ile Arg Asn Tyr
 20 25 30
 Leu Ala Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile
 35 40 45
 Tyr Ala Ala Ser Thr Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly
 50 55 60
 Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro
 65 70 75 80
 Glu Asp Val Ala Thr Tyr Tyr Cys Gln Lys Tyr Asn Ser Ala Pro Tyr
 85 90 95
 Ala Phe Gly Gln Gly Thr Lys Val Glu Ile Lys
 100 105

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<400> 10
 Gln Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Arg
 1 5 10 15
 Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Asp Asp Tyr
 20 25 30
 Ala Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Asp Trp Val
 35 40 45
 Ser Ala Ile Thr Trp Asn Ser Gly His Ile Asp Tyr Ala Asp Ser Val
 50 55 60
 Glu Gly Arg Phe Ala Val Ser Arg Asp Asn Ala Lys Asn Ala Leu Tyr
 65 70 75 80
 Leu Gln Met Asn Ser Leu Arg Pro Glu Asp Thr Ala Val Tyr Tyr Cys
 85 90 95
 Thr Lys Ala Ser Tyr Leu Ser Thr Ser Ser Ser Leu Asp Asn Trp Gly
 100 105 110
 Gln Gly Thr Leu Val Thr Val Ser Ser
 115 120

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BPI-190

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Gln Lys Tyr Asn Ser Ala Pro Tyr Ala
1 5

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<400> 12

Gln Lys Tyr Asn Arg Ala Pro Tyr Ala
1 5

<210> 13

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<400> 13

Gln Lys Tyr Gln Arg Ala Pro Tyr Thr
1 5

<210> 14

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<212> PRT

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<223> Mutated human antibody

<400> 14

Gln Lys Tyr Ser Ser Ala Pro Tyr Thr
1 5

<210> 15

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<212> PRT

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<400> 15

Gln Lys Tyr Asn Ser Ala Pro Tyr Thr
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<210> 16

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BPI-190

<213> Artificial Sequence

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<400> 16

Gln Lys Tyr Asn Arg Ala Pro Tyr Thr
1 5

<210> 17

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<212> PRT

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<220>

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<400> 17

Gln Lys Tyr Asn Ser Ala Pro Tyr Tyr
1 5

<210> 18

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Mutated human antibody

<400> 18

Gln Lys Tyr Asn Ser Ala Pro Tyr Asn
1 5

<210> 19

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Mutated human antibody

<400> 19

Gln Lys Tyr Thr Ser Ala Pro Tyr Thr
1 5

<210> 20

<211> 9

<212> PRT

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<220>

<223> Mutated human antibody

<400> 20

Gln Lys Tyr Asn Arg Ala Pro Tyr Asn
1 5

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<400> 21
Gln Lys Tyr Asn Ser Ala Ala Tyr Ser
1 5

<210> 22
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<400> 22
Gln Gln Tyr Asn Ser Ala Pro Asp Thr
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<210> 23
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<400> 23
Gln Lys Tyr Asn Ser Asp Pro Tyr Thr
1 5

<210> 24
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<400> 24
Gln Lys Tyr Ile Ser Ala Pro Tyr Thr
1 5

<210> 25
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BPI-190

<400> 25

Gln Lys Tyr Asn Arg Pro Pro Tyr Thr
1 5

<210> 26

<211> 9

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<223> Mutated human antibody

<400> 26

Gln Arg Tyr Asn Arg Ala Pro Tyr Ala
1 5

<210> 27

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<400> 27

Ala Ser Tyr Leu Ser Thr Ser Ser Ser Leu Asp Asn
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<210> 28

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<400> 28

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<400> 29

Ala Ser Tyr Leu Ser Thr Ser Ser Ser Leu Asp Tyr
1 5 10

<210> 30

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Ala Ser Tyr Leu Ser Thr Ser Ser Ser Leu Asp Asp
1 5 10

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<400> 31

Ala Ser Tyr Leu Ser Thr Ser Phe Ser Leu Asp Tyr
1 5 10

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<400> 32

Ala Ser Tyr Leu Ser Thr Ser Ser Ser Leu His Tyr
1 5 10

<210> 33

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<400> 33

Ala Ser Phe Leu Ser Thr Ser Ser Ser Leu Glu Tyr
1 5 10

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<400> 34

Ala Ser Tyr Leu Ser Thr Ala Ser Ser Leu Glu Tyr
1 5 10

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<400> 35
 Val Ser Tyr Leu Ser Thr Ala Ser Ser Leu Asp Asn
 1 5 10

<210> 36
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 gggaaagccc ctaagctcct gatctatgct gcattccactt tgcaatcagg ggtcccatct 180
 cggttcagtg gcagtggatc tgggacagat ttcactctca ccatcagcag cctacagcct 240
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 gggaccaagg tggaaatcaa a 321

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 ccagggaagg gcctggaatg ggtctcagct atcacttgga atagtggta catagactat 180
 gcggactctg tggagggccg attcaccatc tccagagaca acgccaagaa ctccctgtat 240
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 taccttagca ccgcgtcctc ccttgactat tggggccaag gtaccctggt caccgtctcg 360
 agt 363